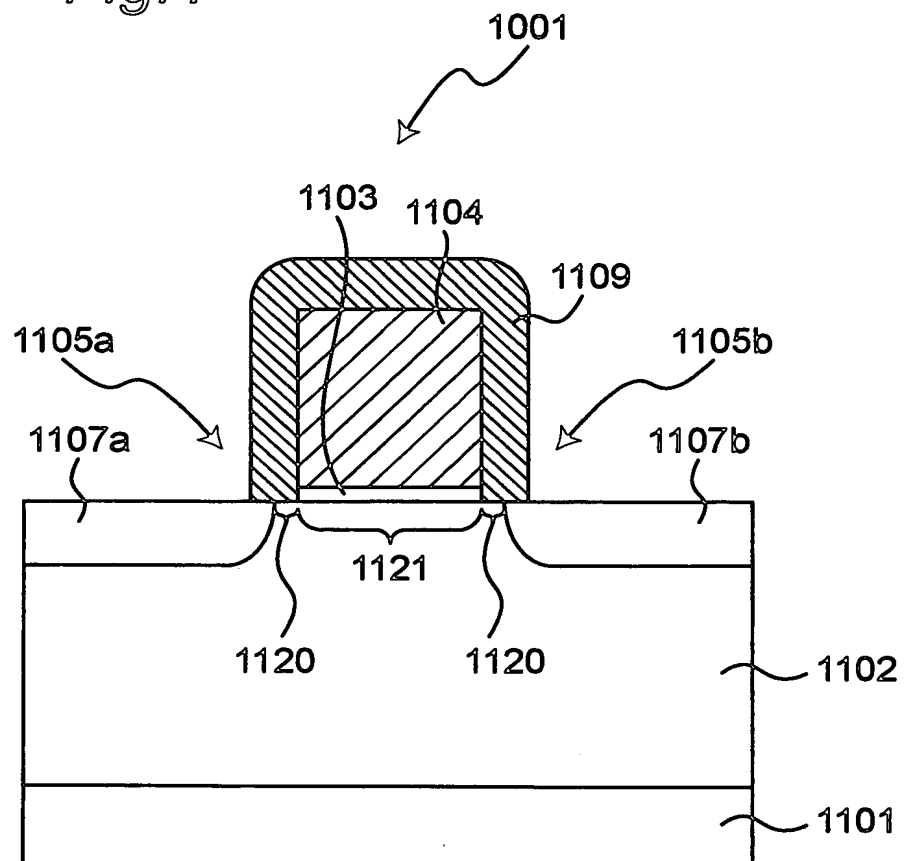
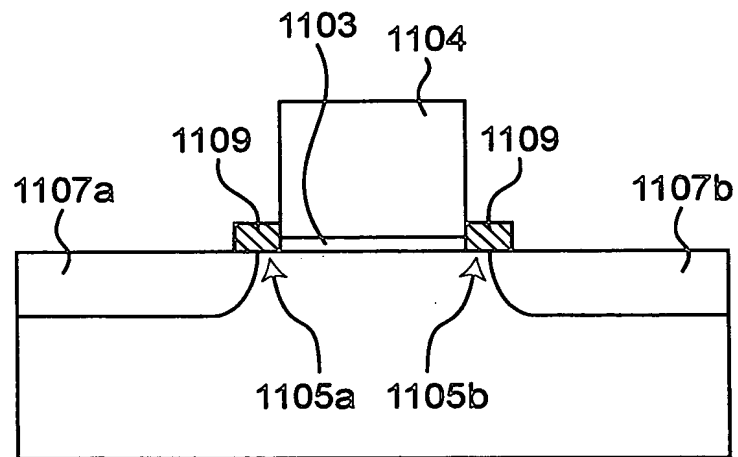
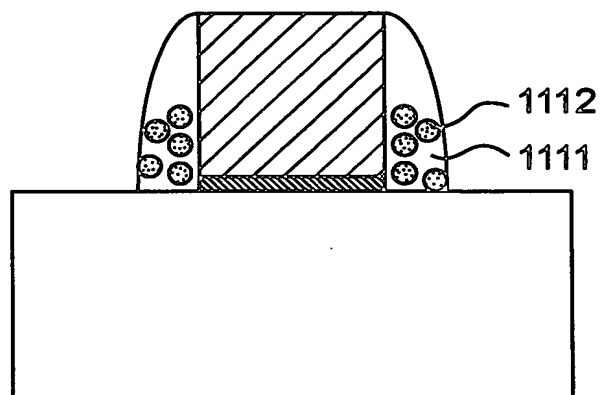


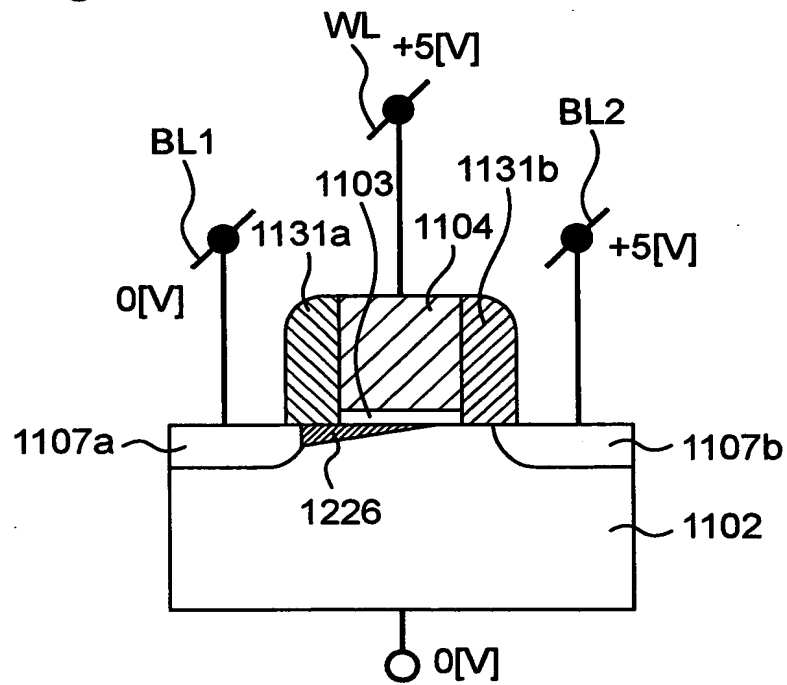
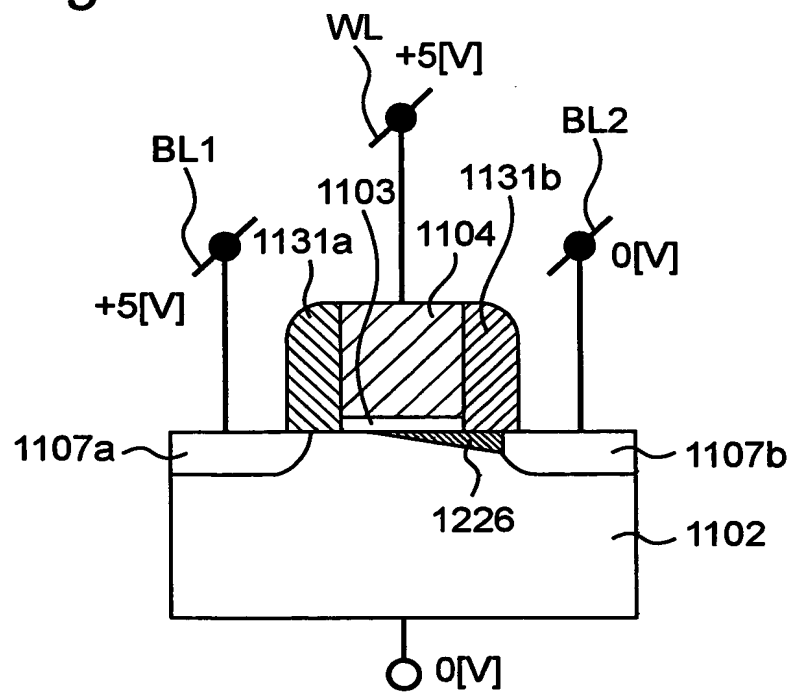
*Fig. 1*

*Fig. 2A*



*Fig. 2B*



*Fig.3**Fig.4*

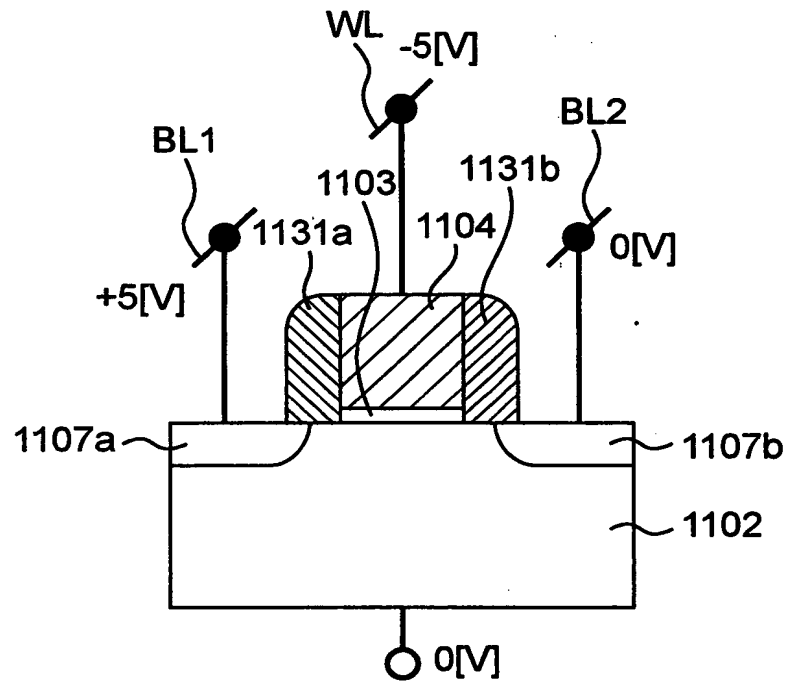
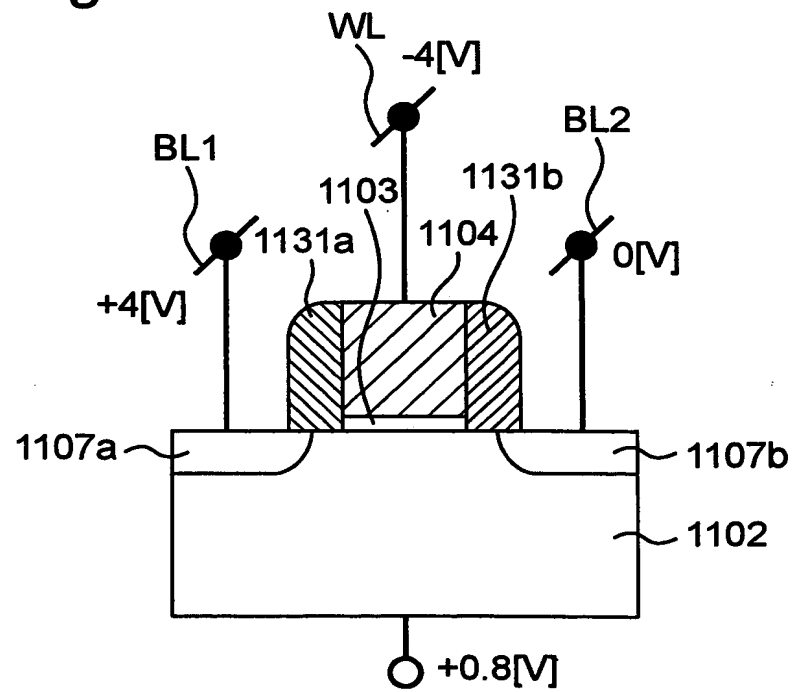
*Fig.5**Fig.6*

Fig. 7

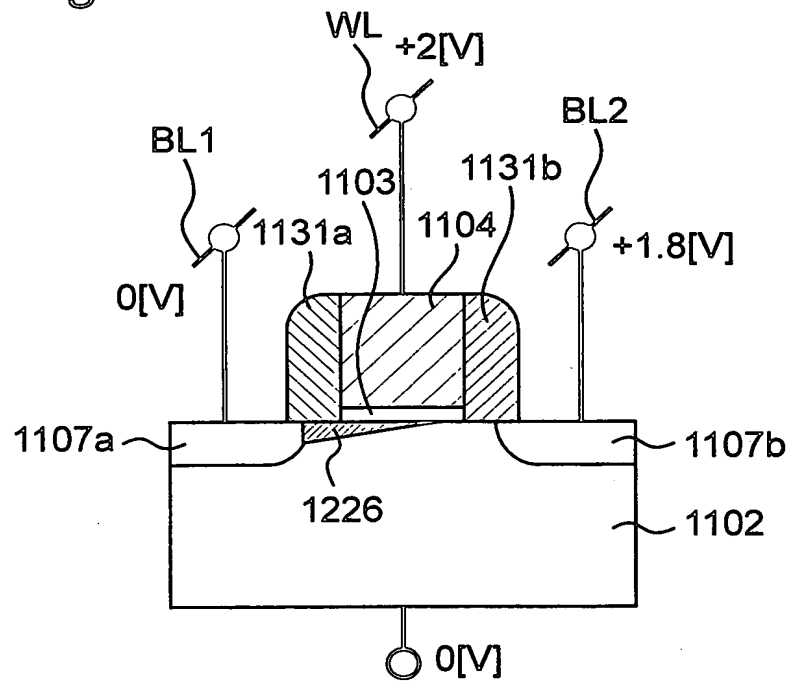
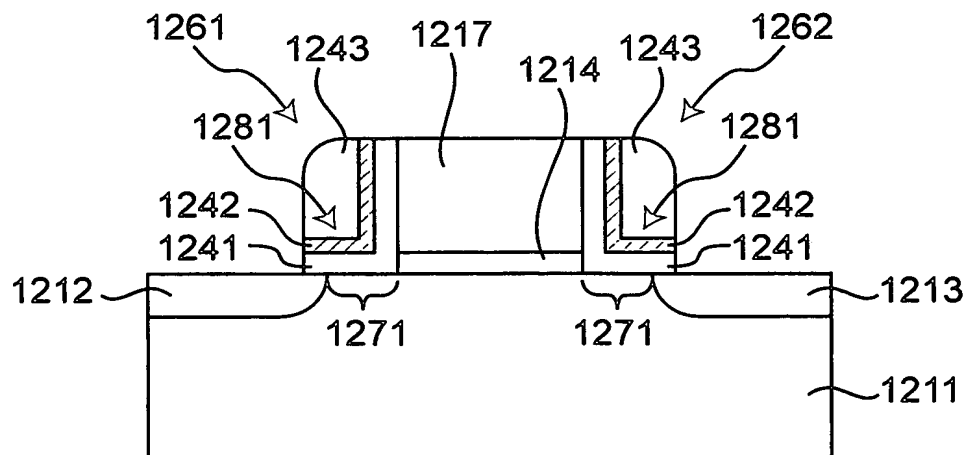


Fig. 8



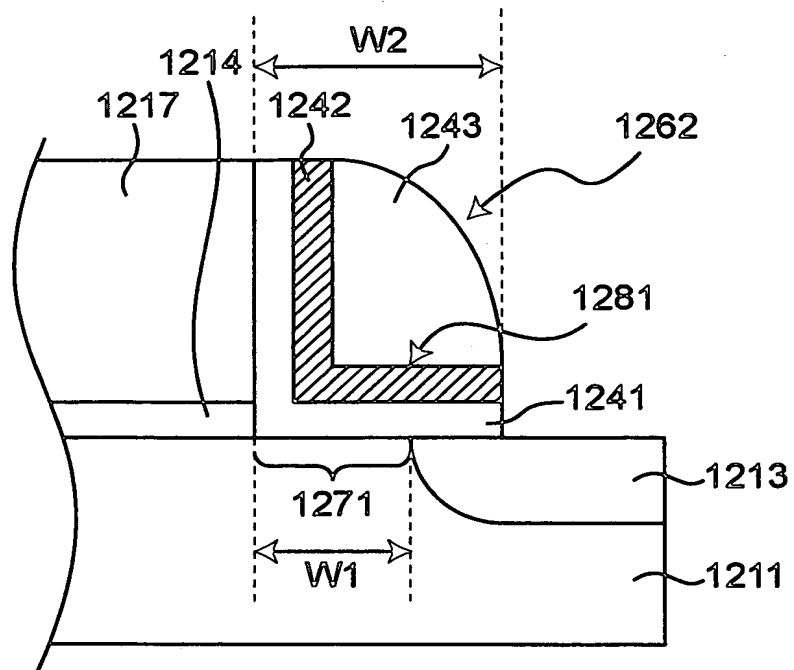
*Fig. 9*

Fig. 10

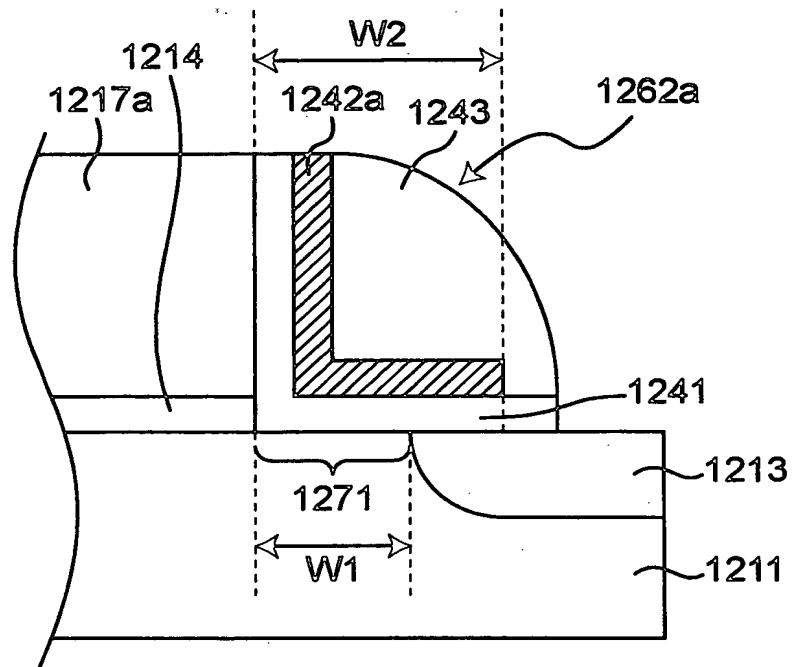
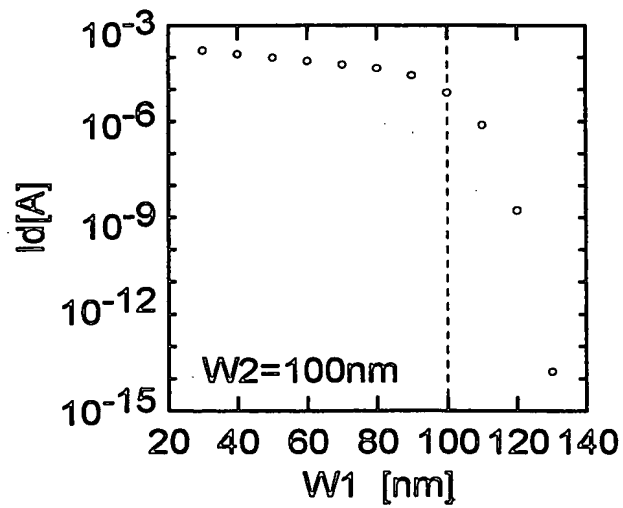


Fig. 11



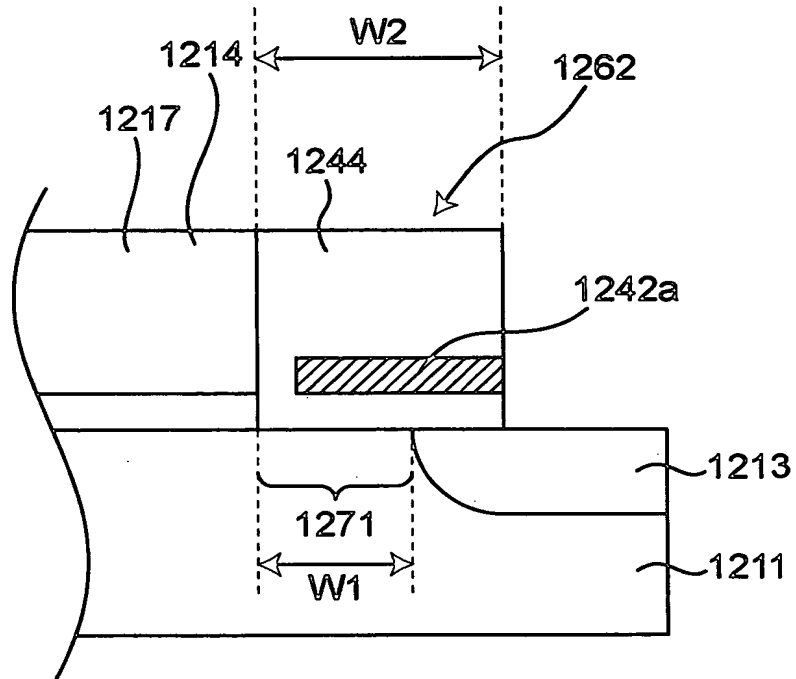
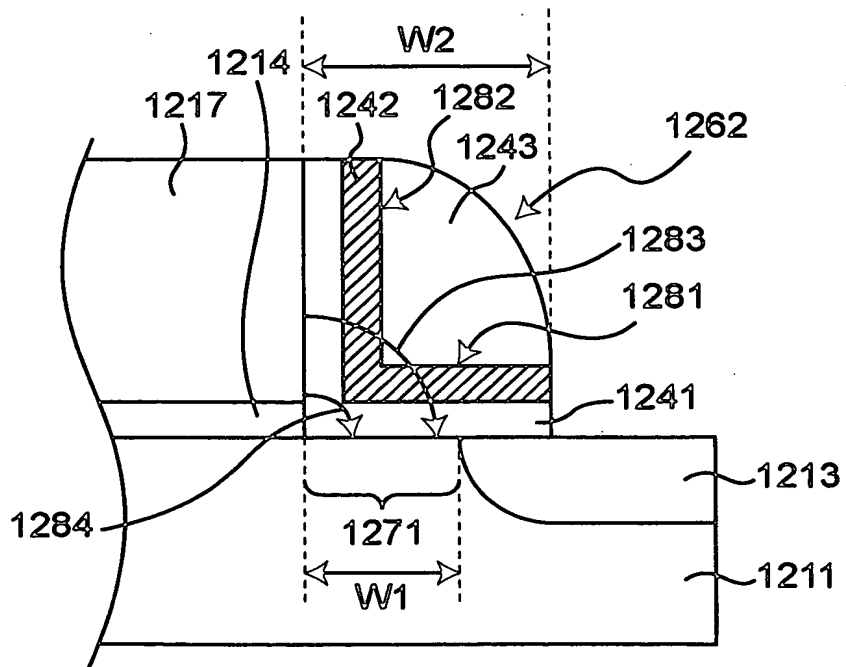
*Fig. 12**Fig. 13*



Fig. 14

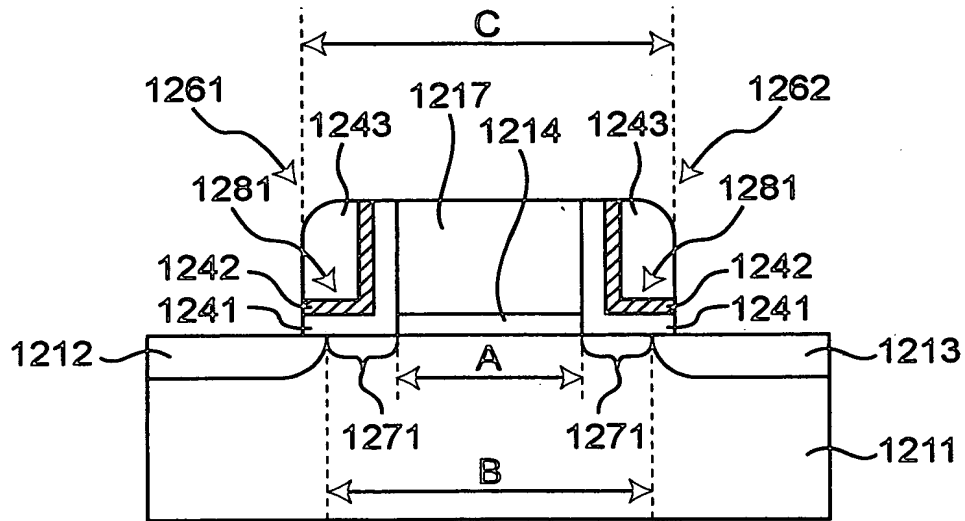
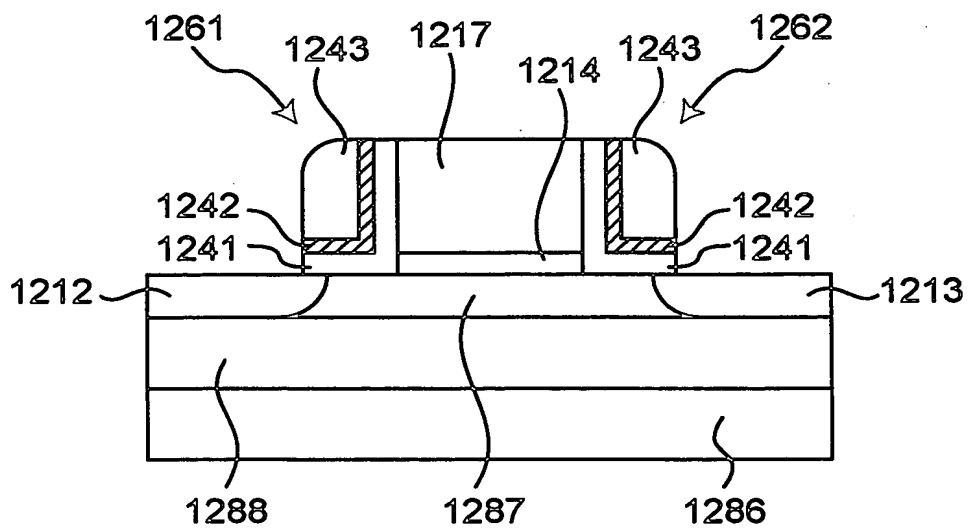
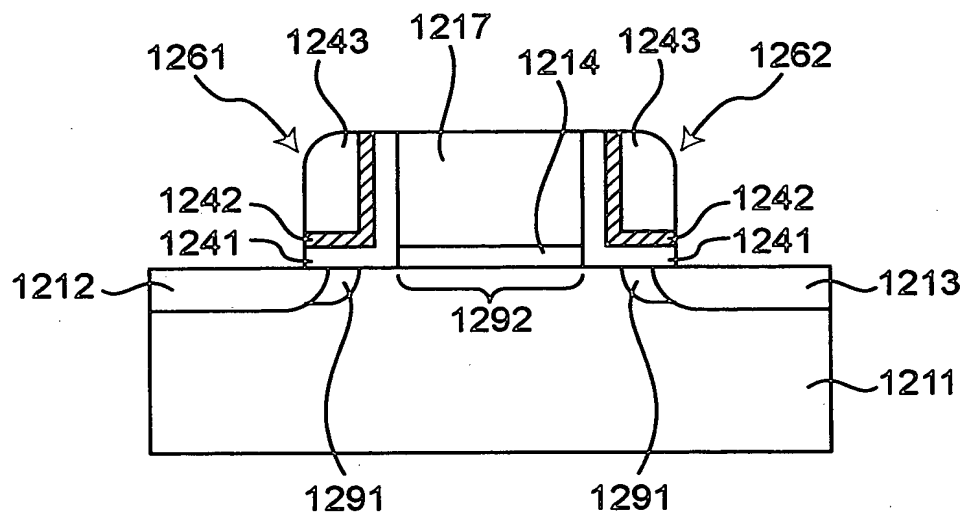
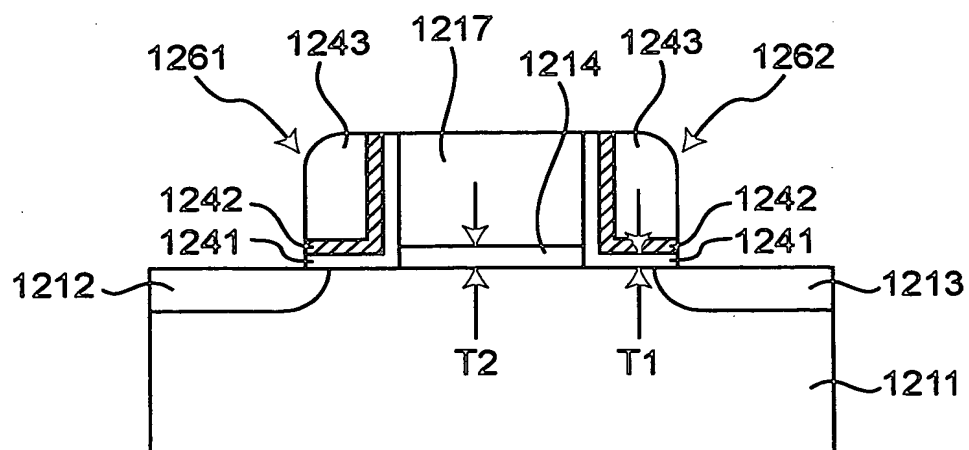


Fig. 15



*Fig. 16**Fig. 17*

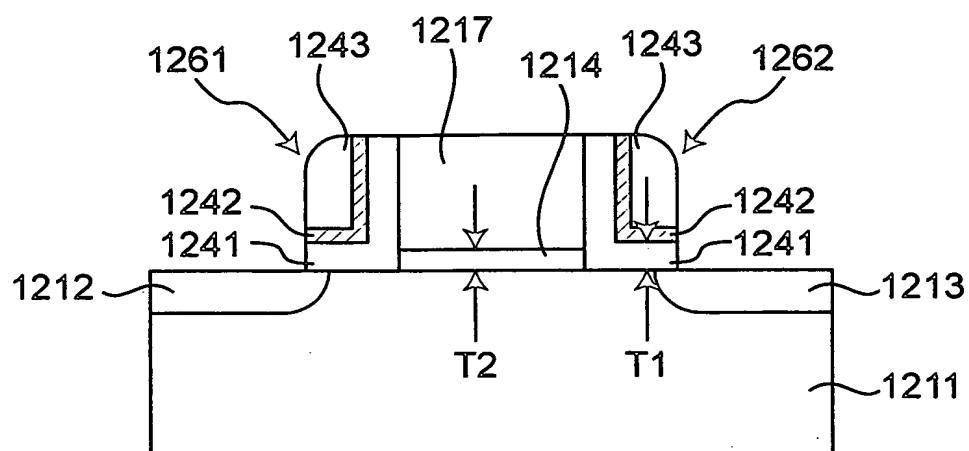
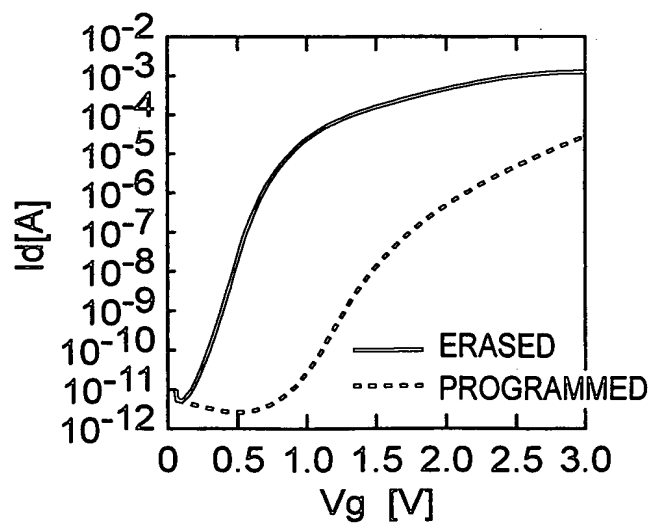
*Fig. 18**Fig. 19*

Fig. 20

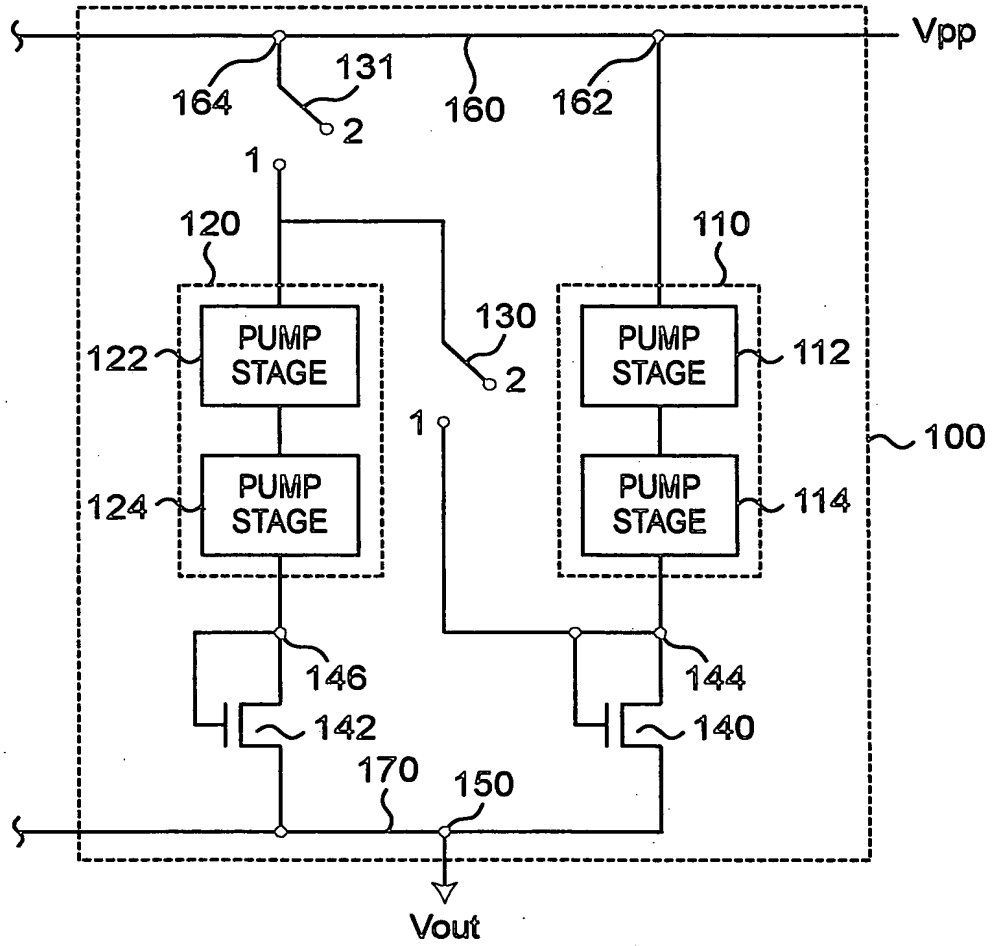
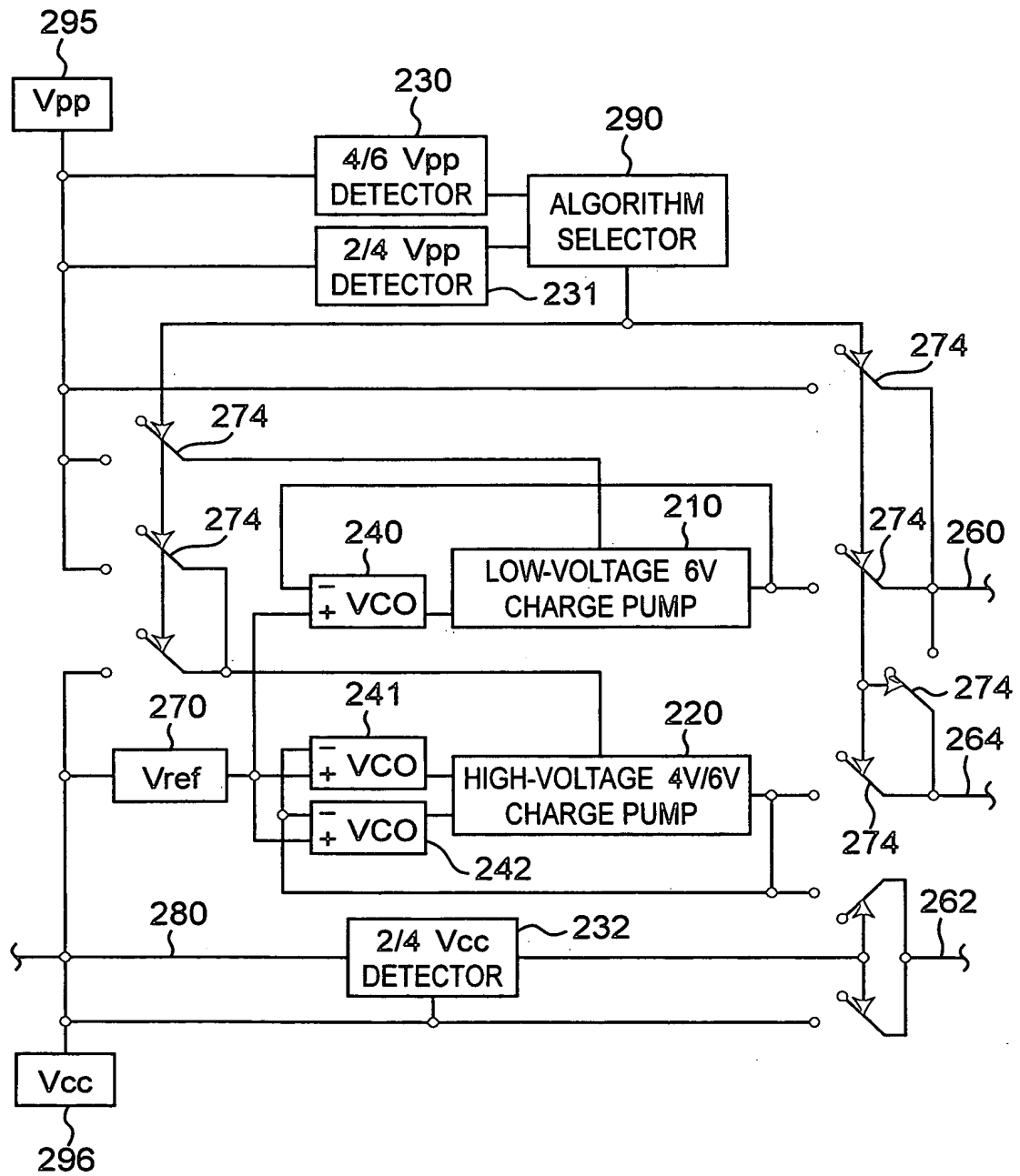
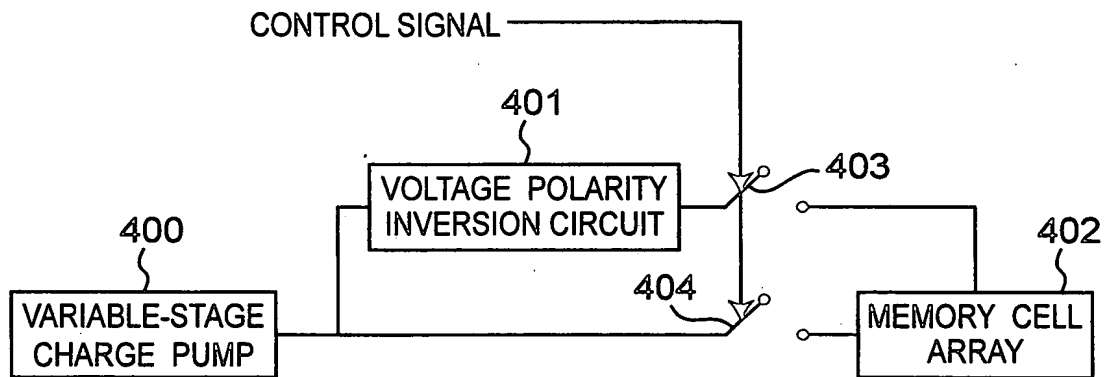


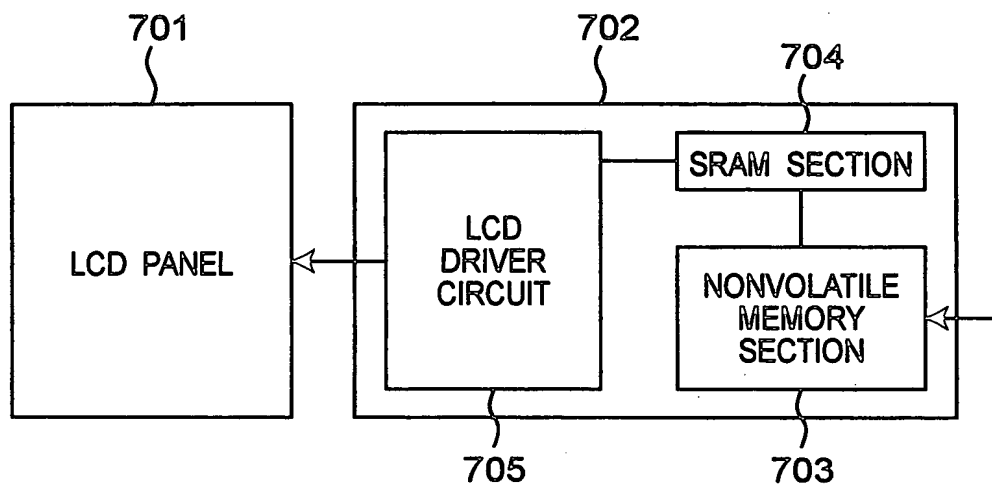
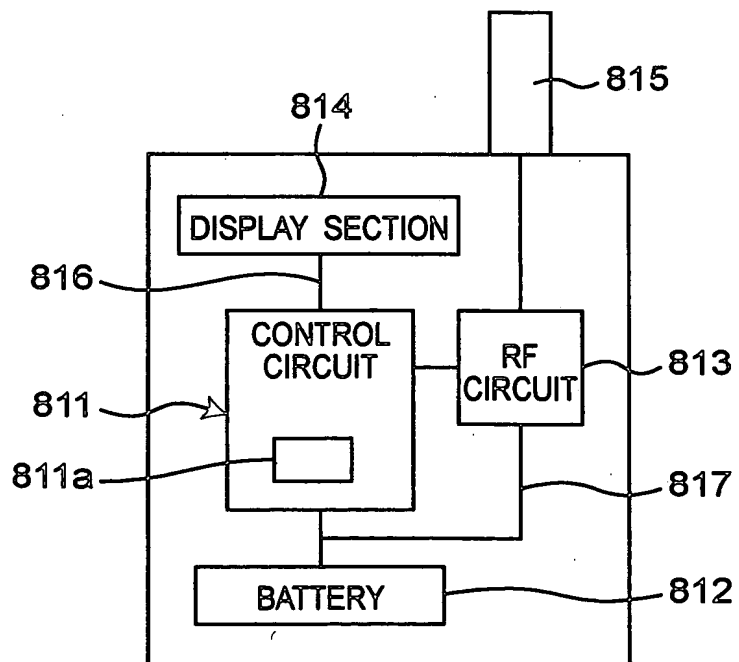
Fig. 21

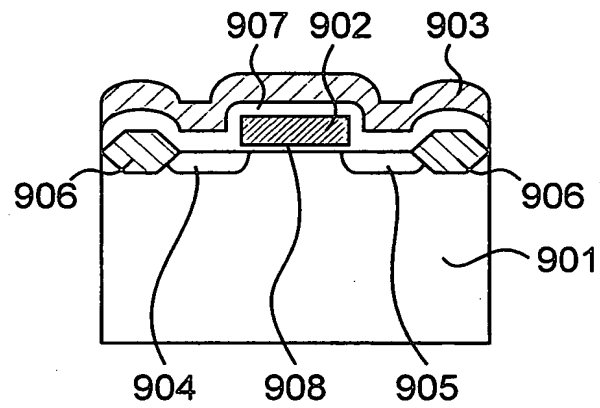


*Fig.22*

SW 130	SW 131	CHARGE PUMP 110	CHARGE PUMP 120
OFF	OFF	ON	OFF
OFF	ON	ON	CONNECTED IN PARALLEL TO CHARGE PUMP 110
ON	OFF	ON	CONNECTED IN SERIES WITH CHARGE PUMP 110
ON	ON	N/A	N/A

*Fig.23*

*Fig. 24**Fig. 25*

*Fig.26 PRIOR ART**Fig.27 PRIOR ART*